



# Oklahoma Crop Weather

## Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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## Field Crops Need Additional Rainfall

Rainfall received during last week was welcomed by producers across the State. All nine districts received rainfall with the Southwest district receiving the most precipitation at 2.65 inches. Average rainfall for the State was 1.35 inches, however, more precipitation is needed. Parts of Oklahoma are still experiencing moderate drought conditions. October has historically been the last hope for significant rain before dry and cold weather arrives. Average temperatures ranged in the low-to-mid sixties with maximum temperatures in the mid-to-upper seventies. Topsoil moisture conditions improved last week with six percent rated surplus as a result of recent rainfall. Subsoil moisture conditions were rated mostly in the adequate to short range, but more rain is needed to replenish moisture levels. There were 5.3 days suitable for field work.

### Soil Moisture Conditions by Percent

Week Ending Sunday, October 24, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	17	25	2	20	25	7
Short	33	48	6	36	45	8
Adequate	44	27	67	40	30	73
Surplus	6	0	25	4	0	12

**Small Grains:** Despite the need for additional rainfall, small grain crops remained mostly in good to fair condition. **Wheat** seeding increased ten points from the previous week to reach 88 percent complete, four points ahead of normal, while 68 percent of the State's wheat had emerged by Sunday. Virtually all **rye** had been planted by the end of the week and 90 percent had emerged, a 20 point increase from the previous week and one point ahead of the five-year average. Eighty-one percent of **oat** seedbeds were prepared by Sunday while 46 percent of oats were planted and 37 percent had emerged, one point ahead of normal. **Canola** planting was 91 percent complete by Sunday, a six point increase from the previous week, and 78 percent of canola plants had emerged, a 23 point increase from the previous week.

**Row Crops:** Row crop harvest was temporarily halted in some areas due to rainfall. Ninety-six percent of grain **sorghum** had matured by Sunday, 23 points ahead of normal, and 55 percent of sorghum was harvested by week's end, 17 points ahead of normal. Seventy-nine percent of **soybeans** were mature by week's end and 51 percent of the crop had been harvested. Ninety-eight percent of the State's **peanuts** were mature by Sunday, four points ahead of normal, with 87 percent of the crop dug. Sixty-nine percent of the peanut crop was combined by Sunday, 26 points ahead of the five-year average. **Cotton** harvest was 33 percent complete by Sunday, 13 points ahead of the five-year average.

**Hay:** The second cutting of **other hay** was 91 percent complete by Sunday. **Alfalfa** fifth cutting was 77 percent complete and the sixth cutting reached 15 percent complete by week's end.

**Pasture and Range:** Pasture and range conditions showed limited improvement from the previous week, but remained mostly in the good to fair range. Fields are still in need of additional moisture for winter pasture.

**Livestock:** Conditions rated mostly in the good to fair range with nine percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$109 per cwt. Prices for heifers less than 800 pounds averaged \$100 per cwt.

### Conditions by Percent

For Week Ending Sunday, October 24, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Row Crops -</b>					
Sorghum	2	4	30	48	16
Soybeans	1	12	40	40	7
Peanuts	2	2	19	52	25
Cotton	0	14	44	36	6
<b>Small Grains -</b>					
Wheat	2	16	51	28	3
Rye	5	12	43	37	3
<b>Hay -</b>					
Alfalfa Hay	5	11	53	29	2
<b>Livestock, Pasture and Range -</b>					
Livestock	1	4	31	55	9
Pasture and Range	8	18	42	29	3

### Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	October 24, 2010	October 17, 2010	October 25, 2009			October 24, 2010	October 17, 2010	October 25, 2009	
<b>Wheat -</b>					<b>Soybeans-</b>				
Planted	88	78	76	84	Mature	79	68	64	72
Emerged	68	51	65	66	Harvested	51	36	26	42
<b>Rye-</b>					<b>Peanuts-</b>				
Planted	98	94	99	97	Mature	98	93	86	94
Emerged	90	70	94	89	Dug	87	65	53	64
<b>Oats-</b>					Combined	69	40	33	43
Seedbed Prepared	81	79	84	83	<b>Cotton-</b>				
Planted	46	32	41	49	Harvested	33	30	11	20
Emerged	37	15	34	36	<b>Alfalfa -</b>				
<b>Sorghum-</b>					5th Cutting	77	75	68	78
Mature	96	91	58	73	6th Cutting	15	12	12	26
Harvested	55	49	26	38	<b>Other Hay -</b>				
					2nd Cutting	91	89	82	85

**Weather for Week Ending October 24, 2010:** Temperatures ranged from 35 degrees at Kenton on Wednesday, October 20th, to 88 degrees at Oilton on Monday, October 18th. Precipitation ranged from 0.67 of an inch in the Northeast district, to 2.65 inches in the Southwest district. Soil temperature averages ranged from 57 degrees at Arnett on Sunday, October 24th, to 72 degrees at Bessie on Monday, October 18th, at Sulphur on Tuesday, October 19th, and at Hugo on Friday, October 22nd.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, October 24, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	September 1, 2010 to October 24, 2010		
					Total	Departure From Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	74	46	59	0.68	1.94	-1.11	63
West Central	76	51	63	2.13	3.93	-1.09	78
Southwest	77	53	64	2.65	6.16	0.47	108
North Central	76	51	63	0.82	3.21	-1.98	62
Central	76	53	64	1.32	5.77	-1.17	83
South Central	79	54	66	1.11	7.80	0.17	102
Northeast	77	51	63	0.67	6.28	-1.31	83
East Central	77	53	64	1.19	9.95	1.68	120
Southeast	79	54	66	1.53	6.38	-2.03	76